



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Michael O'Donnell et al.

Serial No.: 10/721,682 Group Art Unit: 3743

Filed: November 25, 2003 Examiner: N/A

For: HEAT EXCHANGER TUBE WITH INTEGRAL RESTRICTING AND  
TURBULATING STRUCTURE

Docket: 14-792C2D1

Watts Hoffmann Co., L.P.A.  
P.O. Box 99839  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

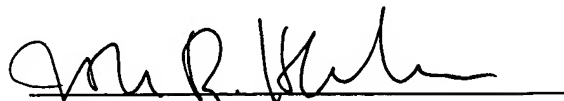
In accordance with 37 C.F.R. § 1.56, applicants submit herewith information of which they are aware that may be considered material by the Examiner in determining the patentability of this application.

In accordance with 37 C.F.R. § 1.98(a)(1), copies of the following patents are being submitted for consideration by the office and are listed on the attached form PTO-1449.

Should any fees be required in connection with this Information Disclosure Statement, please charge Deposit Account No. 23-0630.

Respectfully submitted,

Date: January 27, 2004

  
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I hereby certify that this paper is being deposited today with the U.S. Postal Service as 1st Class Mail addressed to the Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 3-4-04

By: 

<b>U.S. DEPT. OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b> INFORMATION DISCLOSURE CITATION Sheet 1 of 2				Attorney Docket No.: 14-792C2D1		Serial No.: 10/721682	
<div style="position: absolute; left: -100px; top: 0; border: 1px solid black; border-radius: 50%; padding: 5px; transform: rotate(-45deg);">             RECEIVED              MAR 08 2004              PATENT &amp; TRADEMARK OFFICE           </div>				Applicant: Michael J. O'Donnell et al.			
				Filing Date: November 25, 2003		Group: 3743	
U.S. PATENT DOCUMENTS							
		Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
		5,839,505	11-24-98	Ludwig et al.			
		5,573,062	11-12-96	Ooba et al.			
		5,375,654	12-27-94	Hougland et al.			
		5,271,376	12-21-93	Lu et al.			
		4,715,436	12-29-87	Takahashi et al.			
		4,690,211	09-01-87	Kuwahara et al.			
		4,585,059	04-29-86	Lee			
		4,368,777	01-18-83	Grasso			
		3,481,394	12-02-69	Withers, Jr.			
		2,252,045	08-12-41	Spanner			
		2,016,720	10-08-35	Krause			
		1,315,853	09-09-19	Nordling et al.			
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		3,757,856	9/1973	Kun			
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		3,232,280	2/1966	Loebel et al.			
		5,271,376	12/1993	Lu et al.			
		5,839,505	11/1988	Ludwig et al.			
		4,451,966	06/1984	Lee			
		5,321,661	05/1994	Zifferer			
		4,580,657	04/1986	Schmeichel et al.			
FOREIGN PATENT DOCUMENTS							
Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes No
		DE 19731190A	01/1999	Germany			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant							
**Copies of references not provided at the time of this submission.							

USPTO Form 1449 (modified)				<b>U.S. DEPT. OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b> INFORMATION DISCLOSURE CITATION Sheet 2 of 2		Attorney Docket No.: 14-792 C2D3 Serial No.: 10/721682	
				Applicant: Michael J. O'Donnell			
				Filing Date: November 25, 2003		Group: 3743	

U.S. PATENT DOCUMENTS							
Examiner Initials	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)	
	2,591,235	April 1, 1952	W.G. Cartter				
	1,991,788	Feb. 19, 1935	W.G. Cartter				
	5,336,082	Aug. 9, 1994	Riehl				
	1,018,156	Feb. 20, 1912	O.S. Beyer				
	5,251,693	Oct. 12, 1993	Zifferer				
	514,338	Feb. 6, 1894	O.M. Row				
	5,375,654	Dec. 27, 1994	Hougland et al.				
	5,689,881	Nov. 25, 1997	Kato				
	1,922,838	Aug. 15, 1933	O.A. Bossart				
	3,358,749	Dec. 19, 1967	D.S. Chisholm et al.				
	4,014,962	Mar. 29, 1977	del Notario				
	4,332,294	Jun. 1, 1982	Drefahl et al.				
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	5,094,224	03-1992	Diesch				
	2,663,321	12-1953	Jantsch				
	3,358,749	12-1967	Chisholm et al.				
	4,353,350	10/1982	Albrecht				
	4,589,481	05/1986	Mansson				

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation	
	DE2408886A	09/1975	Germany			Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED
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